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DEFENSE INTELLIGENCE AGENCY

WASHINGTON, D.C. 20301

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83-2191

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83-1096

DD/A REGISTRY  
FILE: 70-1General Defense  
Intelligence Program

S-056/83

22 April 1983

MEMORANDUM FOR THE DEPUTY DIRECTOR OF CENTRAL INTELLIGENCE

SUBJECT: Joint National Intelligence Dissemination System (JNIDS) (U)

(S) The Joint National Intelligence Dissemination System (JNIDS) is the GDIP initiative to develop new analytical and collection management techniques and technologies to handle the intelligence data flood expected in the mid-1980's. I am providing this report because of the importance I attach to its success.

(S) These are the major elements of the JNIDS analytical R&D effort:

-- Build an intelligence information management system based on approved ADP programs, such as SAFE, IAIPS, and SOLARS/IDHS-80.

-- Determine the analytical and collection management potential of emerging technologies, such as very large-scale integration, very high-speed integrated circuits, optical readers, and artificial intelligence.

-- Develop a joint test bed to evaluate technology applicable to processing, tasking initiation, cuing, cross-cuing, and interaction between the processing system and data bases.

-- Focus initially on SLBM and SS-20 adaptive targeting.

-- Use real-world events to determine data level and flow and apply the lessons learned to JNIDS development. For example, CINCLANT's planned I&W demonstration against Soviet navy activity in June will be extremely valuable if the Soviets include a strategic SSBN exercise.

-- When the groundwork has been done, probably in FY 86-87, determine the features of the system and begin acquisition.

(U) DIA, the Military Services, SAC, and NAVINTCOM are collaborating on JNIDS under the Director of Naval Intelligence, who is my executive agent for the program. NSA is an observer. Nine corporations, including Westinghouse, and Lockheed, are participating with focused internal company R&D that will lead to specific intelligence processing applications. Academe is represented by Stanford, the Carnegie Mellon Institute, and Yale.

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(U) Here is our current status:

-- We have established a cadre program development office out of hide.

-- The program memorandum of agreement is being expanded and refined.

-- We have started concept development and a cross-program and technical survey.

-- The initial project management plan is being developed.

(S) For the near-term, we will concentrate on:

-- Establishing the formal program development office in FY 84.

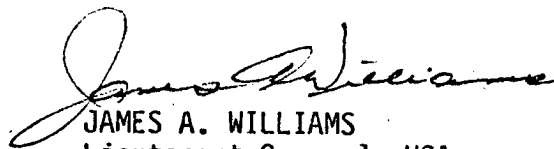
-- Feasibility studies, starting in FY 84.

-- Applications for the Soviet 1983 Spring SSBN strategic exercise.

-- A base-line concept of operation and development plan.

-- A SSBN data base and data base management system to support the focused analysis effort.

(U) I am comfortable with the direction and progress that we have made. I am convinced that JNIDS will yield positive and significant results.   who has been closely associated with it from the start, participates with the oversight group and is fully involved in the program. I look forward to your continued support.



JAMES A. WILLIAMS  
Lieutenant General, USA  
Program Manager

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